AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). An aircraft brake heat pack brake disc in the form of a composite article comprising a core layer having a face portion and a wear layer attached to the face portion, wherein the core layer is a C-C composite article impregnated with a refractory carbide and the wear layer has a density lower than the core layer.

Claim 2 (currently amended). The aircraft brake heat pack brake disc as claimed in Claim 1, wherein the density of the core layer is in excess of 1.85 gcm^{-3}.

Claim 3 (canceled).

Claim 4 (canceled).

Claim 5 (currently amended): The aircraft brake heat pack brake disc as claimed in Claim 4, wherein the refractory carbide is silicon carbide or boron carbide.

Claim 6 (currently amended): An aircraft brake heat pack comprising a brake disc in the form of a composite article comprising a core layer formed from C-C composite impregnated

with a refractory carbide, the core layer having a face portion to which is attached a C-C wear layer having a density of 1.85 gcm^{-3}.

Claim 7 (previously presented): The aircraft brake heat pack as claimed in Claim 6, wherein the refractory carbide is silicon carbide or boron carbide.

Claim 8 (previously presented): The aircraft brake heat pack as claimed in Claim 6, wherein the density of the core layer is in excess of 1.85 gcm^{-3}.

Claim 9 (previously presented): The aircraft brake heat pack as claimed in Claim 8, wherein the density of the core layer is in the range of greater than 1.85 gcm^{-3} to 2.95 gcm^{-3}.

Claims 10-14 (canceled).

Claim 15 (currently amended). An aircraft wheel and brake assembly comprising brake discs, one or more of the brake discs having a core layer of density greater than 1.85 gcm^{-3} and at least one wear layer attached to the core of density 1.85 gcm^{-3} or lower, wherein the core layer comprises a C-C composite impregnated with refractory carbide.